RM1100

12 V raise of heat detector

The 12 V raise of heat detector detects incipient fires. It reacts to an excessive maximum temperature and a sudden temperature rise. These indicators are reliably detected and reported to the alarm centre.

The 12 V raise of heat detector is mounted on the ceiling in the centre of the room. The minimum distance to the side wall should be 30cm. Since the 12 V raise of heat detector does not detect smoke (as opposed to optical smoke detectors), it is used mainly in places with high dust and smoke pollution (kitchens, smoke rooms, garages). The detector triggers an alarm when the maximum temperature of 57 degrees is exceeded or when the temperature rises more than 5 degrees with 3 minutes. By changing a jumper, you can configure it as NO or as NC detector. It is therefore suitable for every wired alarm system. The 12 V raise of heat detector is supplied externally with 10–15V operating voltage and is EN54 certified.

Product highlights:

- For connecting to alarm systems
- Detects temperature changes: 3°C within one minute
- Detects maximum temperature: 60°C
- Can be used in humid spaces

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Technical Data	
Detector type	Thermodifferential (3°C/minute), maximum temperature (60°C)
Alarm contact	NO or NC, 1A at 30V DC
Connection	4 cables
Operating voltage	10.5 – 13.8V DC
Standby power consumption	55?A
Alarm power consumption	50mA
Start time	60s
Start power consumption	500?A
Reset voltage	
Reset time	
Ambient operating temperature	–10 to 50°C
Ambient operating humidity	0–95% non–condensing
Dimensions (H x Ø)	46 x 100 mm
Weight	160g

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